

Abstract of the Disclosure

A compound is prepared, suitable for forming fluoroelastomers, having the unique features of a low glass transition temperature and desirable permeation resistance. The 5 compound generally comprises two primary components. The first component is an amorphous copolymer including interpolymerized units derived from one or more perfluorinated ethers. The second component is a curable component including at least one filler having at least 10 parts per 100 parts of the first component. Upon vulcanization the resulting elastomeric compound has desirable physical characteristics as indicated by the durometer, the retraction at 10 lower temperatures (TR-10) and permeation resistance.